

Applicant: Wehler et al.
Application No.:

In The Claims

1. (Currently Amended) A ~~[[S]]~~ sliding door system for a vehicle, especially a motor vehicle, comprising: ~~at least one~~

a sliding door (33A, 33B); ~~which can be moved along~~

a track along which the sliding door can be moved; and ~~has at least one~~

a power conduction device (1, 34, 35) which is joined at its one having a first end ~~[[2)]]~~

joined to the sliding door (1, 33A, 33B) and ~~with the other~~ a second end ~~[[1)]]~~

joined to a fixed part of the vehicle, ~~whereby at least one~~ and an articulated

section (4, 36) is provided between the first and second ends of the power

conduction device (1, 2) which has articulated elements ~~[[5, 36),]]~~ ; and

~~characterized by a support (6, 13, 16, 18, 21, 38) on which at least the~~ articulated section

~~[[5, 36)]] can be moved in the lying down.~~

2. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim 1, ~~characterized by the fact that wherein~~ the support (6, 18, 21) ~~has at least two~~ comprises a plurality of support elements (7, 8, 19, 20) arranged at a distance to one another.

3. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim ~~[[1-6]]~~ 2, ~~characterized by the fact that at least two wherein the~~ support~~[[ing]]~~ elements (7, 8, 19, 20) are arranged displaced with respect to one another.

4. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim ~~[[1,]]~~ 2 ~~[[or 3]]~~, ~~characterized by the fact that at least two wherein the~~ support~~[[ing]]~~ elements (7, 8, 19, 20) have ~~[[a]]~~ different lengths.

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5. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~one of Claims 1 to 4~~ claim 1, ~~characterized by the fact that~~ wherein the support (6, 13, 16, 18, 21, 38) has a contact region with the power conduction device, (1, 34, 35) ~~which has~~ and the contacting region has a low frictional coefficient.

6. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim 5, ~~characterized by the fact that at least~~ wherein the contact region is formed by a coating on the support.

7. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~one or several of the previous claims~~ claim 1, ~~characterized by the fact that~~ wherein the support (6, 13, 16, 18, 21, 38) ~~is formed by at least one~~ comprises a profiled part.

8. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~one of claims 1 to 7~~ claim 1, ~~characterized by the fact that~~ wherein the support (6, 13, 16, 18, 21, 38) is releasably joined to the vehicle separably.

9. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~one or several of the previous Claims 1 to 8~~ claim 1, ~~characterized by the fact that~~ wherein the power conduction device ~~[[(+)]]~~ is arranged in a guide channel ~~[[(+)]]~~.

10. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim 9, ~~characterized by the fact that~~ wherein the support ~~[[(+)]]~~ is connected to the guide channel ~~[[(+)]]~~.

11. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim 10, ~~characterized by the fact that~~ wherein the support ~~[[(+)]]~~ is an integral part of the guide channel ~~[[(+)]]~~.